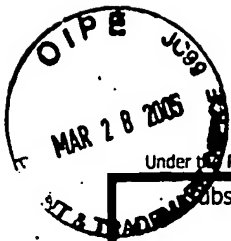


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Sheet	1	of	1
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PAGE 4/17 \* RCVD AT 2/25/2005 2:53:31 PM [Eastern Standard Time] \* SVR:USPTO-EFXRF-1/3 \* DNIS:8729306 \* CSID:5124918918 \* DURATION (mm-ss):06-16



PTO/SB/08A (08-03)

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
				<b>APPLICATION NUMBER</b>	10/758,384
Sheet 1 of 7				<b>FILING DATE</b>	01/15/2004
				<b>FIRST NAMED INVENTOR</b>	Watts et al.
				<b>Group Art Unit</b>	1722
				<b>Examiner Name</b>	Luk, Emmanuel S.
				<b>Attorney Docket Number</b>	P78-20-03

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			

BMR	C1	4,731,155		Napoli et al.	3/15/1988	
	C2	5,425,848		Haisma et al.	6/20/1995	
	C3	5,772,905		Chou	6/30/1998	
	C4	6,309,580	B1	Chou	10/30/2001	
	C5	6,334,960	B1	Willson et al.	1/1/2002	
	C6	6,391,217	B2	Schaffer et al.	5/21/2002	
	C7	6,696,220	B2	Bailey et al.	2/24/2004	
	C8	2002/0177319	A1	Chou	11/28/2002	
	C9	6,713,238	B1	Chou et al.	3/30/2004	
	C10	6,646,662	B1	Nebashi et al.	11/11/2003	
	C11	6,776,094	B1	Whitesides et al.	8/17/2004	
	C12	6,518,189	B1	Chou	2/11/2003	
	C13	2002/0132482	A1	Chou	9/19/2002	
	C14	2002/0167117	A1	Chou	11/14/2002	
	C15	6,482,742	B1	Chou	11/19/2002	
	C16	2003/0080471	A1	Chou	5/1/2003	
	C17	2004/0036201	A1	Chou et al.	2/26/2004	
	C18	2004/0192041	A1	Jeong et al.	9/30/2004	

Examiner Signature		Date Considered	8/25/05
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				<b>APPLICATION NUMBER</b>	10/758,384
				<b>FILING DATE</b>	01/15/2004
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				<b>Group Art Unit</b>	1722
				<b>Examiner Name</b>	Luk, Emmanuel S.
				<b>Attorney Docket Number</b>	P78-20-03
<b>Sheet</b>	<b>2</b>	<b>of</b>	<b>7</b>		

U.S. PATENT DOCUMENTS						
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		Number	Kind Code <sup>2</sup> (if known)			

CNR	C19	6,828,244	B2	Chou	12/7/2004	
	C20	6,809,356	B2	Chou	10/26/2004	
	C21	2004/0197843	A1	Chou et al.	10/7/2004	
	C22	2004/0156108	A1	Chou et al.	8/12/2004	
	C23	2004/0137734	A1	Chou et al.	7/15/2004	
	C24	2004/0131718	A1	Chou et al.	7/8/2004	
	C25	2004/0118809	A1	Chou et al.	6/24/2004	
	C26	2004/0046288	A1	Chou	3/11/2004	
	C27	2003/0080472	A1	Chou	5/1/2003	
	C28	2003/0034329	A1	Chou	2/20/2003	
	C29	2002/0042027	A1	Chou et al.	4/11/2002	
	C30	6,580,172	B2	Mancini et al.	6/17/2003	
	C31	4,512,848		Deckman et al.	4/23/1985	
	C32	6,517,995	B1	Jacobenson et al.	2/11/2003	
	C33	2004/0110856	A1	Young et al.	6/10/2004	
	C34	5,028,366		Harakal et al.	7/2/1991	
	C35	5,601,641		Stephens	2/11/1997	
	C36	5,849,209		Kindt-Larsen et al.	12/15/1998	

<b>Examiner Signature</b>		<b>Date Considered</b>	8/25/05
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>APPLICATION NUMBER</b>	10/758,384
				<b>FILING DATE</b>	01/15/2004
				<b>FIRST NAMED INVENTOR</b>	Watts et al.
				Group Art Unit	1722
				Examiner Name	Luk, Emmanuel S.
Sheet	3	of	7	Attorney Docket Number	P78-20-03

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[illegible]

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				FILING DATE	01/15/2004
				FIRST NAMED INVENTOR	Watts et al.
				Group Art Unit	1722
				Examiner Name	Luk, Emmanuel S.
Sheet	4	of	7	Attorney Docket Number	P78-20-03

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	† <sup>2</sup>
		Office 3	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				

GNR	C38	WO	2004/016406		Sreenivasan	2/26/2004		
	C39	WO	00/21689		Chou et al.	4/20/2000		
	C40	JP	02-92603		Kurikawa et al.	4/3/1990		
	C41	JP	02-24848		Kamio	1/26/1990		
	C42	WO	01/47003		Steiner et al.	6/28/2001		
	C43	WO	02/07199		Chou	1/24/2002		
	C44	WO	2004/114016		Chou et al.	12/29/2004		
	C45	WO	99/05724		Chou et al.	2/4/1999		
	C46	WO	03/010289		Chou et al.	2/6/2003		
	C47	WO	03/079416		Chou	9/25/2003		
	C48	WO	03/099536		Chou et al.	12/4/2003		
	C49	WO	2004/013693		Watts et al.	2/12/2004		

Examiner Signature		Date Considered	8/25/05
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				<b>FILING DATE</b>	01/15/2004
(use as many sheets as necessary)				<b>FIRST NAMED INVENTOR</b>	Watts et al.
				Group Art Unit	1722
Sheet	5	of	7	Examiner Name	Luk, Emmanuel S.
				Attorney Docket Number	P78-20-03

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>

GMR	C50	Chou, Nanoimprint Lithography and Lithographically Induced Self-Assembly, MRS Bulletin, pp. 512 - 517, 7/1/2001	
	C51	Choi et al., Design of Orientation Stages for Step and Flash Imprint Lithography, Precision Engineering, pp. 192 - 199, 1/1/2001	
	C52	Colburn et al., Step and Flash Imprint Lithography for sub-100 nm Patterning, Proceedings of SPIE Vol. 3997, pp. 453 - 457, 1/1/2000	
	C53	Chou et al., Imprint Lithography with 25-Nanometer Resolution, Science Vol. 272, pp. 85 - 87, 4/5/1996	
	C54	Chou et al., Imprint Lithography with Sub-10 nm Feature Size and High Throughput, Microelectronic Engineering 35, pp. 237 - 240, 1/1/1997	
	C55	Haisma et al., Mold-assisted Nanolithography: A Process for Reliable Pattern Replication, J. Vac. Sci. Technol. B, pp 4124 - 4128, 11/1/1996	
	C56	Chou et al., Imprint of Sub-25 nm Vias and Trenches in Polymers, Appl. Phys. Lett. 67 (21), 11/20/1995	
	C57	Johnson et al., Advances in Step and Flash Imprint Lithography, SPIE Microlithography Conference, 2/23/2003	
✓	C58	Chou et al., Lithographically Induced Self-assembly of Periodic Polymer Micropillar Arrays, J. Vac. Sci. Technol. B 17 (6), pp. 3197 - 3202, 11/1/1999	

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				<b>FILING DATE</b>	01/15/2004
				<b>FIRST NAMED INVENTOR</b>	Watts et al.
(use as many sheets as necessary)				Group Art Unit	1722
				<b>Examiner Name</b>	Luk, Emmanuel S.
Sheet	6	of	7	<b>Attorney Docket Number</b>	P78-20-03

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
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GMR	C59	Colburn et al., Step and Flash Imprint Lithography: A New Approach to High-Resolution Patterning, Proc. Of SPIE, vol. 3676, 3/1/1999	
	C60	Heidari, Nanoimprint Lithography at the 6 in. Wafer Scale, J. Vac. Sci. Technol. B 18(6), pp. 3557 - 3560, 11/1/2000	
	C61	Translation of Japanese Patent 02-92603	
	C62	Translation of Japanese Patent 02-24848	
	C63	Chou et al., Ultrafast and Direct Imprint of Nanostructures in Silicon, Nature, Col. 417, (June 2002), pp. 835-837, 6/1/2002	
	C64	Chou et al., Nanoimprint Lithography, Journal of Vacuum Science Technolgy B 14(16), pp. 4129-4133, 11/1/1996	
	C65	Colburn et al., Development and Advantages of Step-and-Flash Lithography, Solid State Technology, 7/1/2001	
	C66	Colburn et al., Characterization and Modeling of Volumetric and Mechanical Properties for Step and Flash Imprint Lithography Photopolymers, Journal of Vacuum Science Technology. Vol b. 19(6), 11/1/2001	
✓	C67	Bailey et al., Step and Flash Imprint Lithography: Defect Analysis, Journal of Vacuum Science, B 19(6), pp. 2806-2810, 11/1/2001	

<b>Examiner Signature</b>		<b>Date Considered</b>	8/28/05
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				FILING DATE 01/15/2004	
(use as many sheets as necessary)				FIRST NAMED INVENTOR Watts et al.	
				Group Art Unit 1722	
Sheet 7 of 7				Examiner Name Luk, Emmanuel S.	
				Attorney Docket Number P78-20-03	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
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GNR	C68	Bailey et al., Step and Flash Imprint Lithography: Template Surface Treatment and Defect Analysis, Journal of Vacuum Science, B 18(6), pp. 3572-3577, 11/1/2000	
↓	C69	Schneider et al., Stripes of Partially Fluorinated Alkyl Chains: Dipolar Langmuir Monolayers	

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Substitute for form 1448/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 1

**Complete if Known**

Application Number	10/758,384
Filing Date	01/15/2004
First Named Inventor	Watts et al.
Art Unit	1722
Examiner Name	Luk, Emmanuel S.
Attorney Docket Number	P78-20-03

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EM	D1	US- 5,487,127	01-23-1996	Gronet et al.	
	D2	US- 6,048,654	04-11-2000	Nakayama et al.	
	D3	US- 6,483,083-B2	11-19-2002	Sakurai et al.	
	D4	US- 6,319,321-B1	11-20-2001	Hiraga et al.	
	D5	US- 5,155,336	10-13-1992	Gronet et al.	
	D6	US- 4,511,802	04-16-1985	Margerum et al.	
	D7	US- 6,495,802-B1	12-17-2002	Maltabes et al.	
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